

Data File : VU029075.D
Acq On : 07 Jan 2019 22:41
Operator : MD/SY
Sample : K1051-08
Misc : 6.20g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE9X6

Quant Time: Jan 08 03:18:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63133	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.28%
7) Chloroethane-d5	1.64	69	39630	33.84	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.68%#
11) 1,1-Dichloroethene-d2	2.22	63	80704	31.65	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.20	46	101682	95.73	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.73%
24) Chloroform-d	4.64	84	107183	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.30	65	69199	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
32) Benzene-d6	5.33	84	232900	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.32	67	80816	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.56	98	200788	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	34412	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.30%
47) 2-Hexanone-d5	8.32	63	77700	90.85	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125294	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	80596	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

Target Compounds

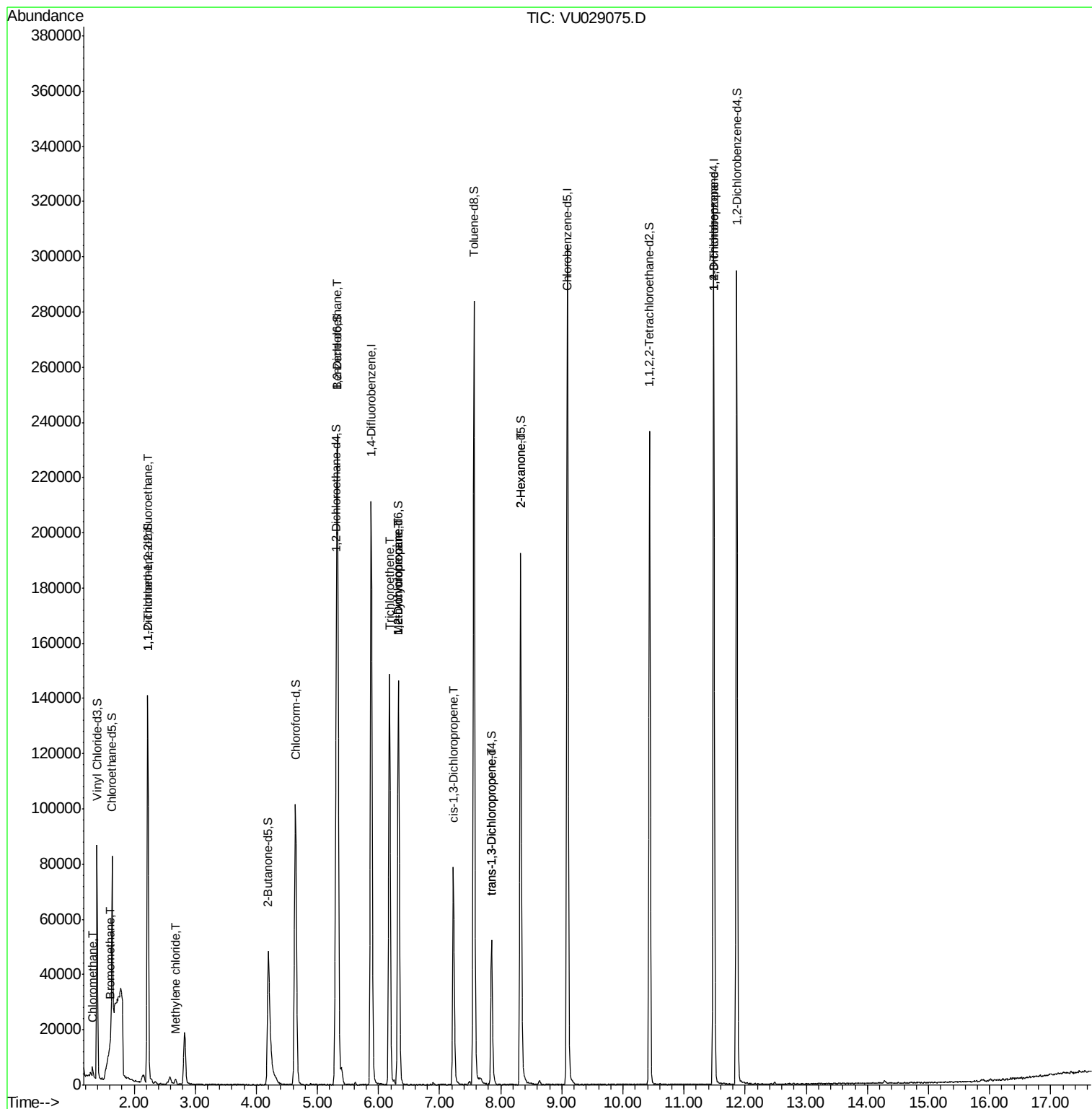
					Qvalue
3) Chloromethane	1.32	50	2755	1.314	ug/L 89
6) Bromomethane	1.60	94	665	0.843	ug/L 93
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	779	0.636	ug/L # 20
16) Methylene chloride	2.68	84	970	0.649	ug/L 95
27) 1,2-Dichloroethane	5.33	62	1055	0.584	ug/L # 74
34) Trichloroethene	6.18	95	55431	38.436	ug/L 97
35) Methylcyclohexane	6.32	83	16787	6.989	ug/L # 18
37) 1,2-Dichloropropane	6.32	63	7584	4.542	ug/L # 90
39) cis-1,3-Dichloropropene	7.22	75	1689	0.709	ug/L # 35
44) trans-1,3-Dichloropropene	7.85	75	1426	0.672	ug/L 97
48) 2-Hexanone	8.32	43	8289	4.500	ug/L # 42
59) 1,2,3-Trichloropropane	11.48	75	10303	5.170	ug/L 96

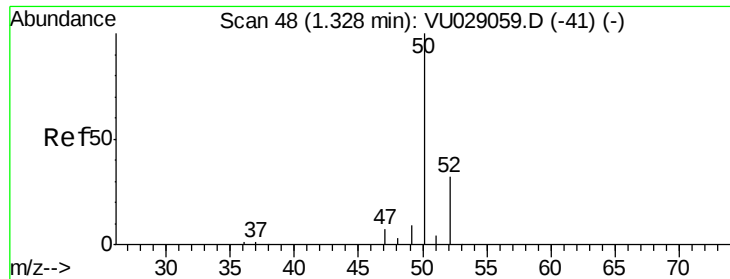
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.314 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029075.D

Acq: 07 Jan 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

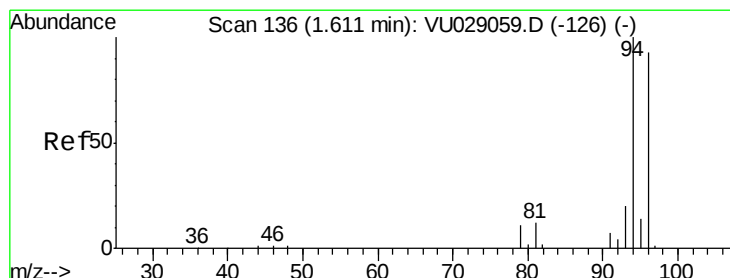
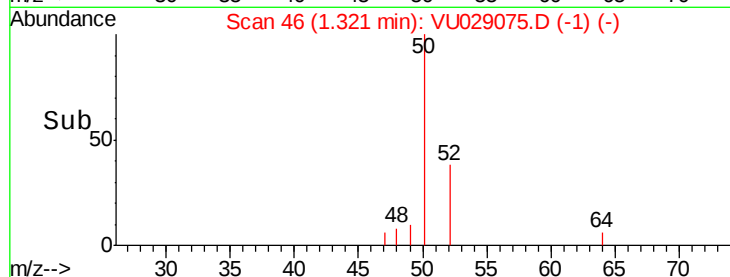
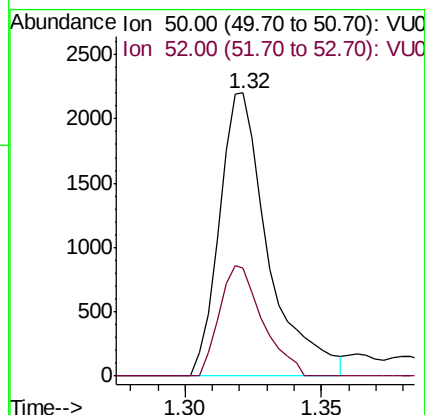
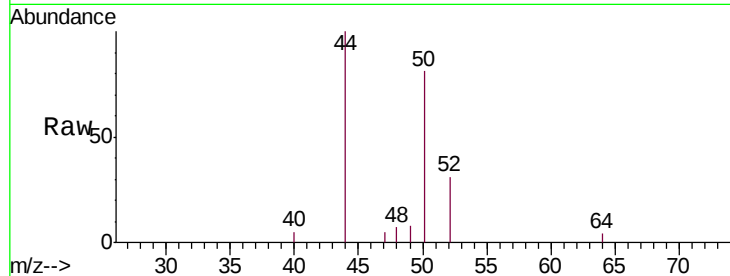
BE9X6

Tgt Ion: 50 Resp: 2755

Ion Ratio Lower Upper

50 100

52 38.0 22.3 41.3



#6

Bromomethane

Concen: 0.843 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.01 min

Lab File: VU029075.D

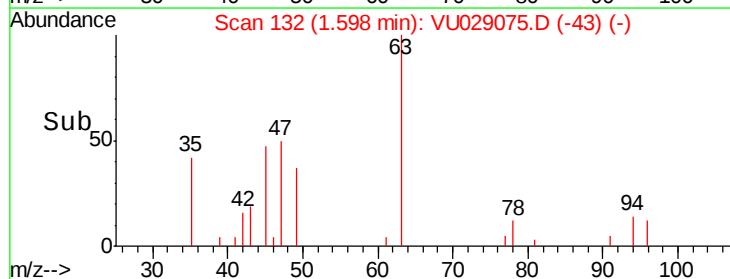
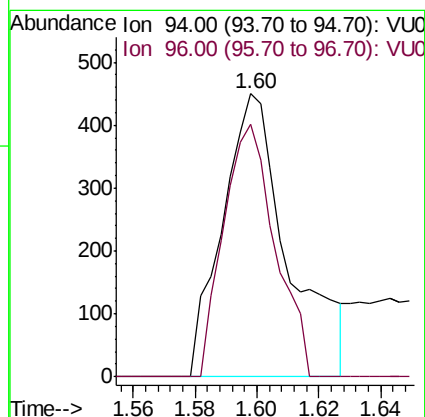
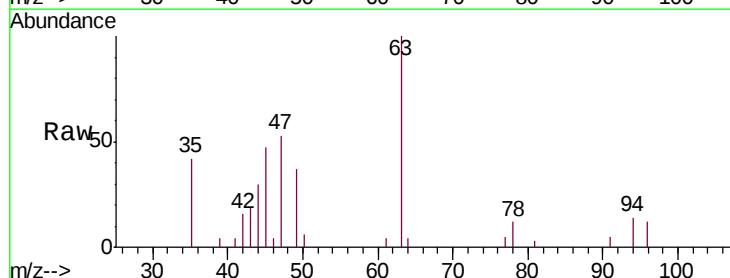
Acq: 07 Jan 2019 22:41

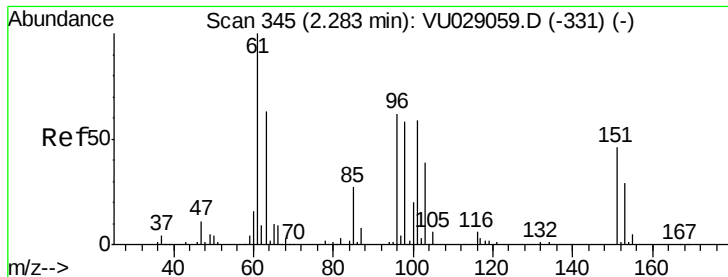
Tgt Ion: 94 Resp: 665

Ion Ratio Lower Upper

94 100

96 89.1 67.3 125.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.636 ug/L

RT: 2.22 min Scan# 326

Delta R.T. -0.06 min

Lab File: VU029075.D

Acq: 07 Jan 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

BE9X6

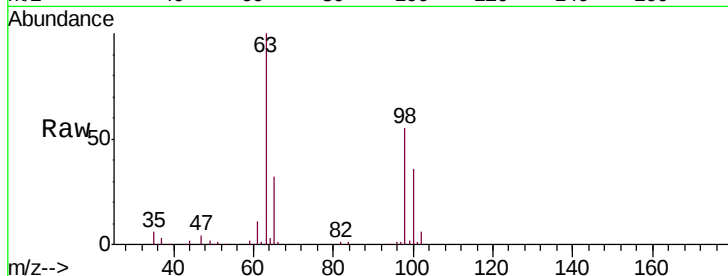
Tgt Ion: 101 Resp: 779

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

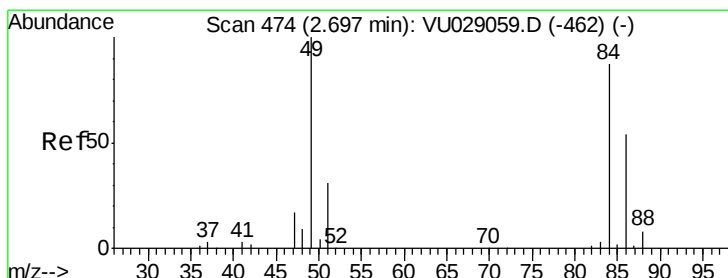
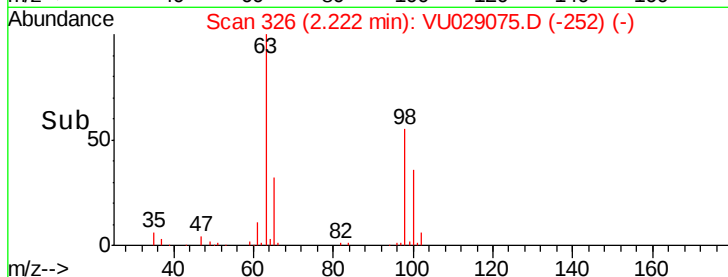
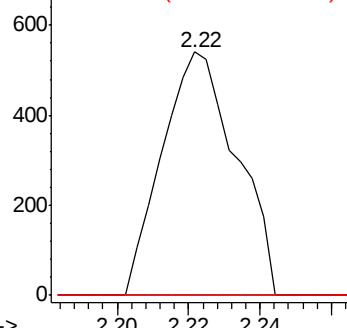
151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.649 ug/L

RT: 2.68 min Scan# 469

Delta R.T. -0.02 min

Lab File: VU029075.D

Acq: 07 Jan 2019 22:41

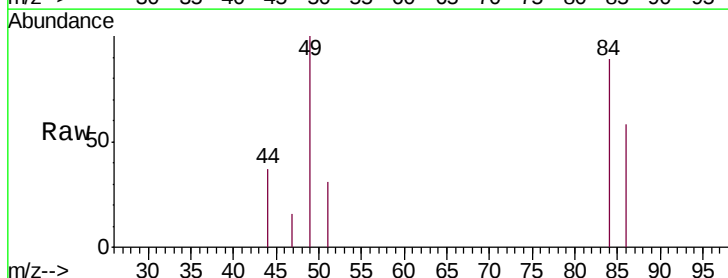
Tgt Ion: 84 Resp: 970

Ion Ratio Lower Upper

84 100

86 65.3 44.9 83.3

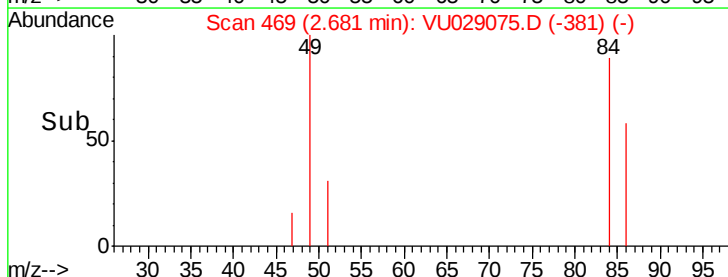
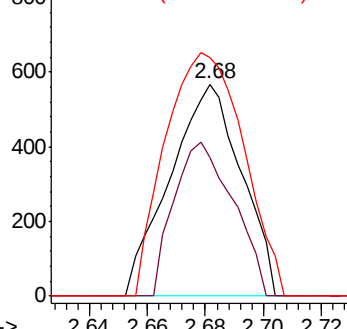
49 112.9 83.9 155.7

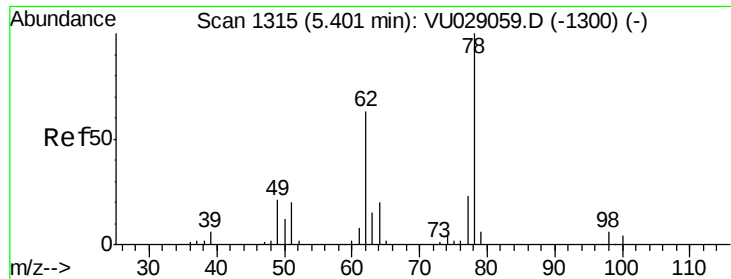


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#27

1,2-Dichloroethane

Concen: 0.584 ug/L

RT: 5.33 min Scan# 1293

Delta R.T. -0.07 min

Lab File: VU029075.D

Acq: 07 Jan 2019 22:41

Instrument :

MSVOA_U

ClientSampleId :

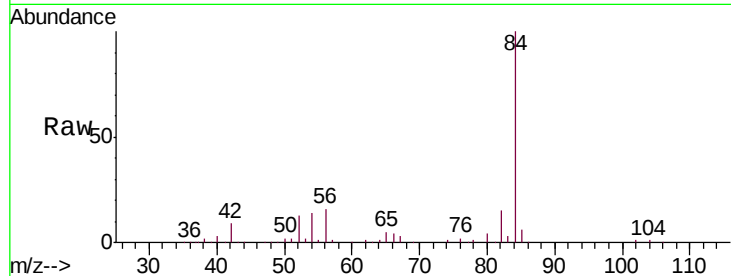
BE9X6

Tgt Ion: 62 Resp: 1055

Ion Ratio Lower Upper

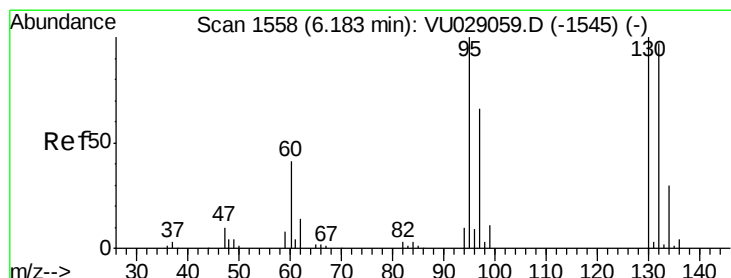
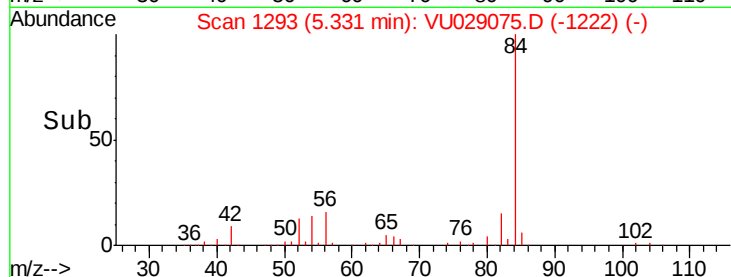
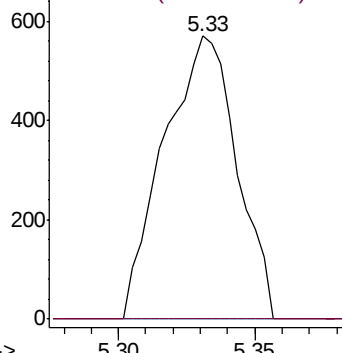
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#34

Trichloroethene

Concen: 38.436 ug/L

RT: 6.18 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VU029075.D

Acq: 07 Jan 2019 22:41

Tgt Ion: 95 Resp: 55431

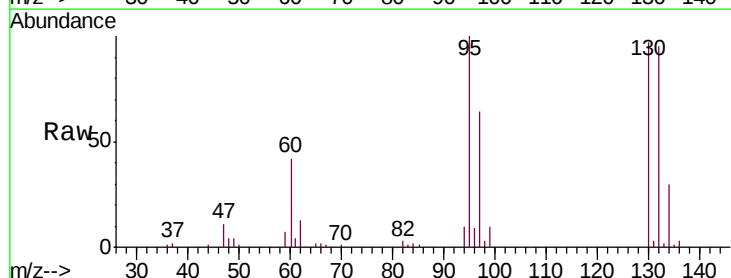
Ion Ratio Lower Upper

95 100

97 64.3 43.3 80.3

132 95.2 64.2 119.2

130 97.0 67.1 124.7

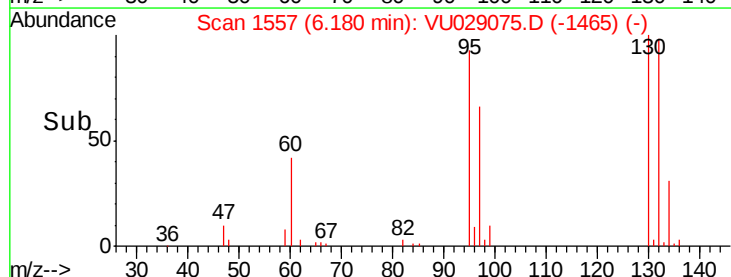
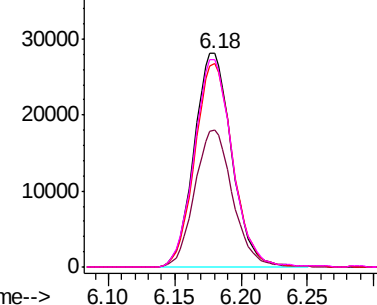


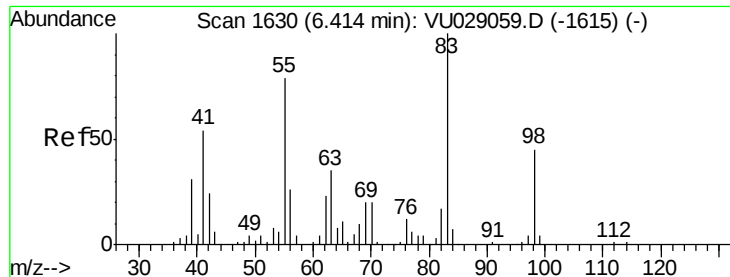
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

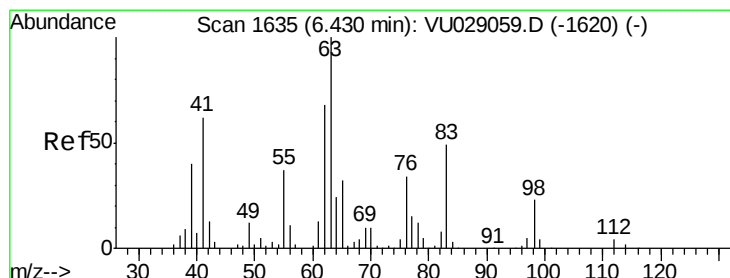
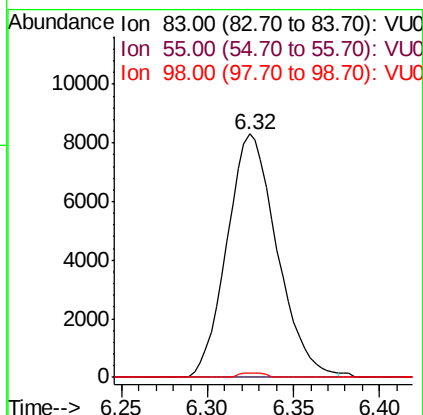
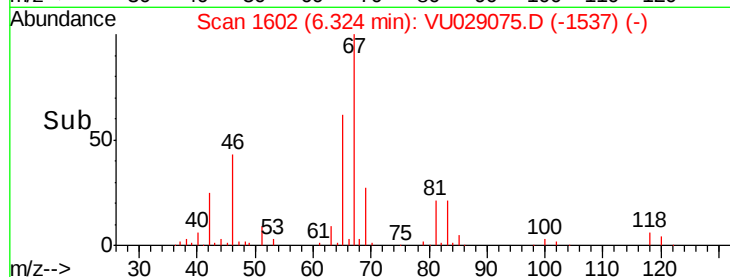
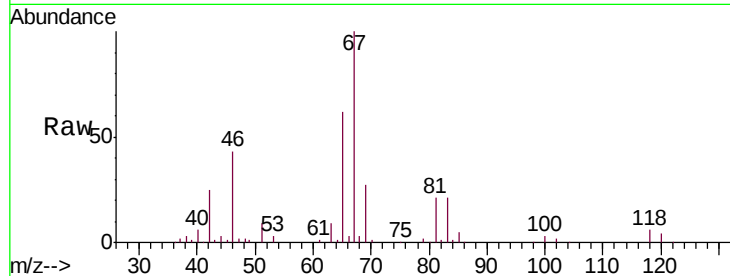




#35
Methylcyclohexane
Concen: 6.989 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU029075.D
Acq: 07 Jan 2019 22:41

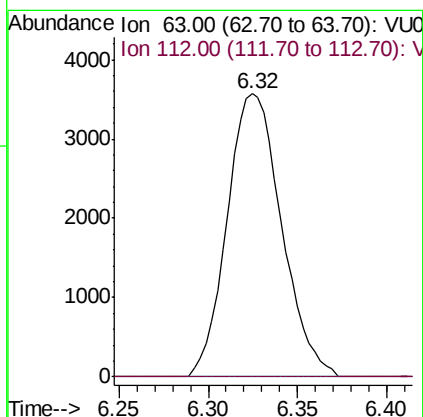
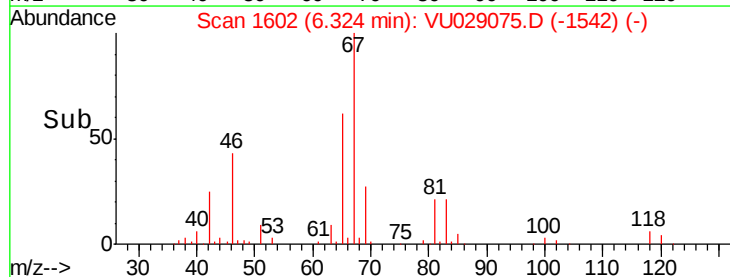
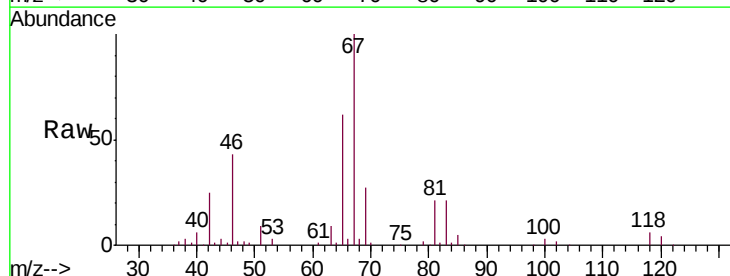
Instrument :
MSVOA_U
ClientSampled :
BE9X6

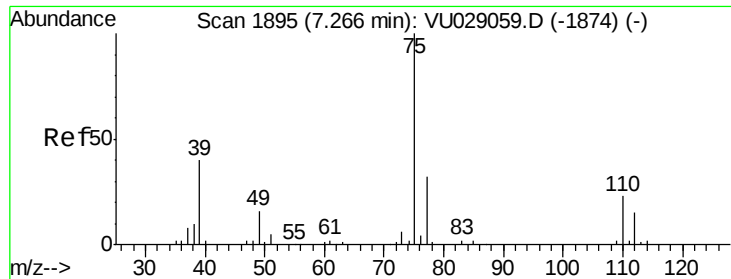
Tgt Ion: 83 Resp: 16787
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.9 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 4.542 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.11 min
Lab File: VU029075.D
Acq: 07 Jan 2019 22:41

Tgt Ion: 63 Resp: 7584
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



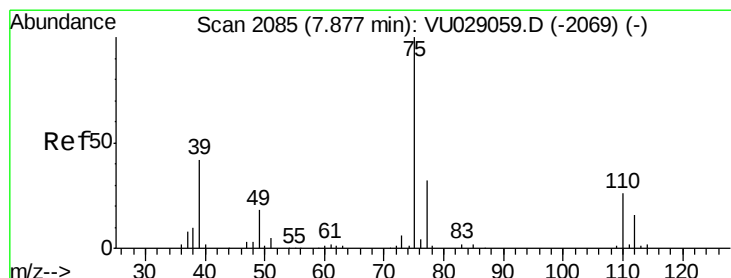
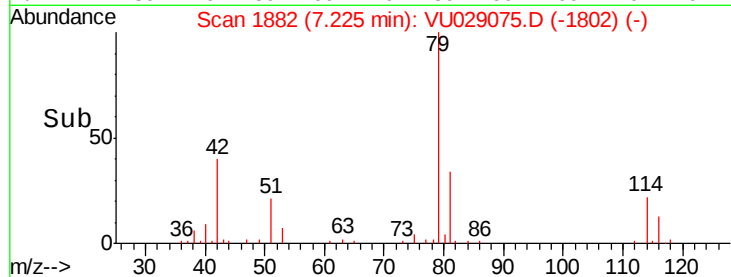
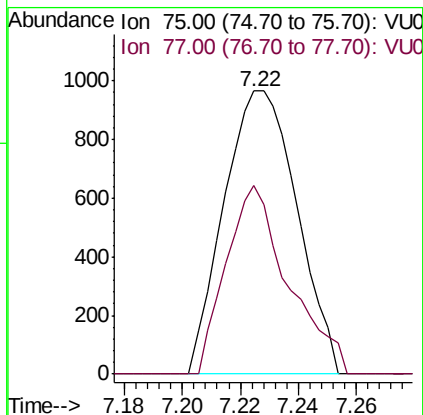
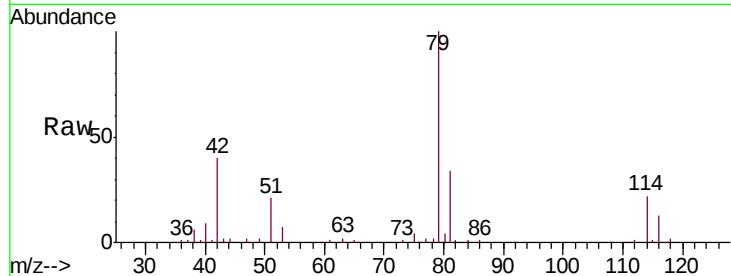


#39

cis-1,3-Dichloropropene
 Concen: 0.709 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU029075.D
 Acq: 07 Jan 2019 22:41

Instrument :
 MSVOA_U
 ClientSampled :
 BE9X6

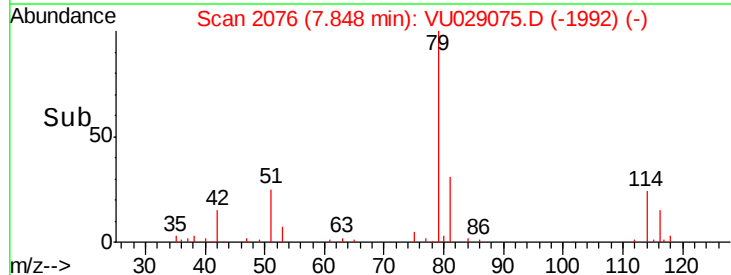
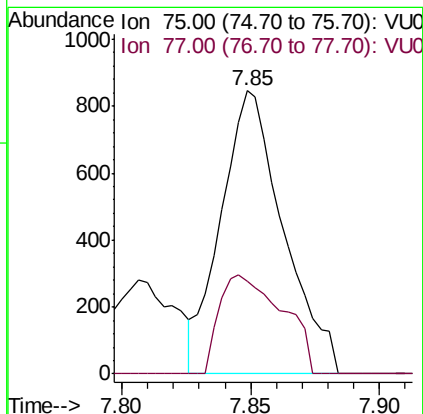
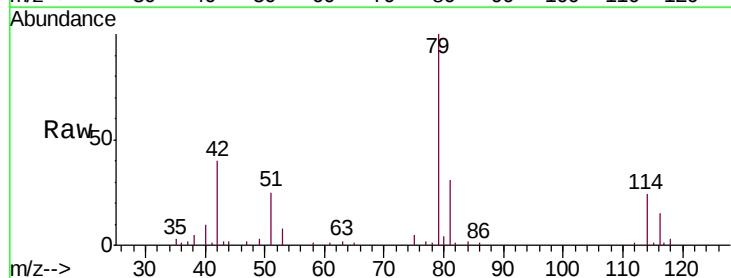
Tgt Ion: 75 Resp: 1689
 Ion Ratio Lower Upper
 75 100
 77 66.8 21.8 40.6#

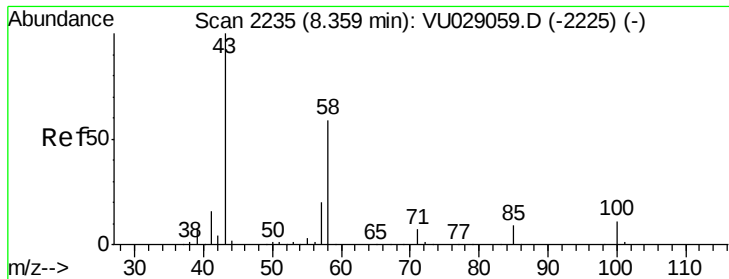


#44

trans-1,3-Dichloropropene
 Concen: 0.672 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU029075.D
 Acq: 07 Jan 2019 22:41

Tgt Ion: 75 Resp: 1426
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.8 40.6

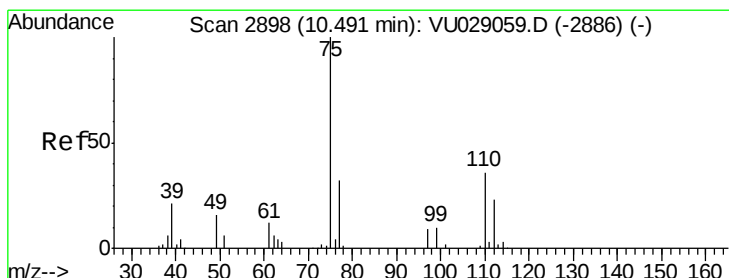
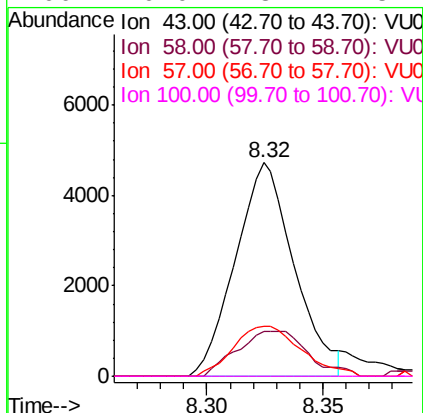
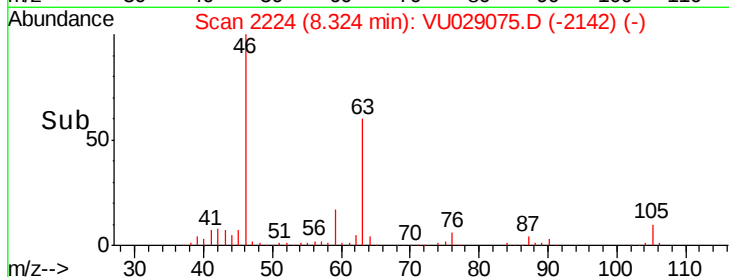
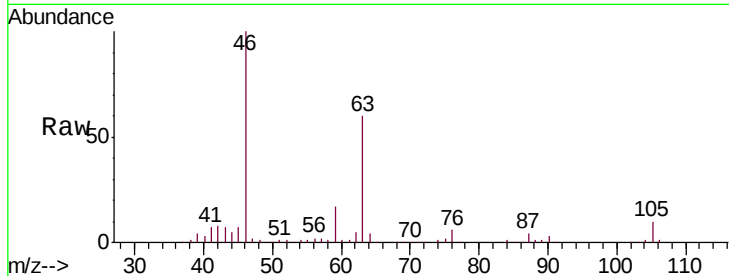




#48
2-Hexanone
Concen: 4.500 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU029075.D
Acq: 07 Jan 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 8289
Ion Ratio Lower Upper
43 100
58 0.5 45.9 68.9#
57 27.2 15.0 22.4#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.170 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU029075.D
Acq: 07 Jan 2019 22:41

Tgt Ion: 75 Resp: 10303
Ion Ratio Lower Upper
75 100
77 33.9 25.5 38.3

